

UNCLASSIFIED
OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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TAB 15
Other Category - Cantonments Subcategory

MACRO LOOK - The primary purpose of installations in this category is to support dissimilar specialized functions. The primary attribute is how the installation supports the mission assigned it.

Installations in this category are:

Norton AFB, California (Ballistic Missile Office (BMO))

Lowry AFB, Colorado (Defense Finance and Accounting Service (DFAS))

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

I. CURRENT AND FUTURE MISSION REQUIREMENTS AND THE IMPACT ON OPERATIONAL READINESS OF DOD TOTAL FORCE (For Industrial/Support, Other, And ARC Categories.)

1. Force Structure

CLOSURE RATING (G,Y,R)

A. Is force structure
for primary mission of the base
remaining in the inventory?

GREEN - Force structure is a key part of the force structure plan -
no significant programmed reductions
YELLOW - Force structure is an integral part of the force structure plan
but has significant programmed reductions
RED - Force structure is being phased out in the force structure plan
NA - No force Structure

B. If there is force structure to support
other categories at the base, will they
remain in the inventory?

GREEN - No significant programmed reductions
YELLOW - Force structure is an integral part of the force structure plan
but has significant
programmed reductions
RED - Force structure is being phased out in the force structure plan
NA - No other force structure

2.8 Operational Effectiveness - Generic flying operation support

A. Does the base have an active runway?

GREEN - Yes
RED - No

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If yes, complete 2B - 2F

B. Is there an alternate airfield within?

GREEN - 30 Minutes or less
YELLOW - 31 to 60 Minutes
RED - More than 60 Minutes

C. Potential for Airspace/Training
area growth

GREEN - Airspace available for future expansion;
supports advanced basing concept
YELLOW - Status Quo
RED - Reductions possible

D. Weather impact on mission:

1. Above 3000/1
2. Above 1500/3
3. Above 3000/3
4. Above 3000/5

GREEN	YELLOW	RED
90% or more	80% to 89%	Less than 80%
80% or more	70% to 79%	Less than 70%
75% or more	60% to 74%	Less than 60%
70% or more	50% to 69%	Less than 50%

E. Average monthly Air Traffic Delays

GREEN - 2 or less
YELLOW - 3 to 4
RED - 5 or more

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F. Availability of adequate training areas/routes to support? (ARC Bases Only)

- | | |
|--------------------|-----------------------------|
| 1. Fighter Mission | GREEN - Yes |
| 2. Bomber Mission | YELLOW - Limitations exists |
| 3. Tanker Mission | RED - No |
| 4. Airlift Mission | |

2.8.F.1 Fighter Mission

- | | |
|---|--|
| a) Supersonic ACBT MOAs & Warning/Restricted areas? | GREEN \leq 150NM
YELLOW $>$ 150NM \leq 200NM
RED $>$ 200NM |
| b) Low alt MOAs for SAT & low alt intercept training? | GREEN \leq 100NM
YELLOW $>$ 100NM \leq 150NM
RED $>$ 150NM |
| c) Number of scorable range complexes/ target arrays (including tactical tgt/conv/strafe) | GREEN - 1 w/i 100NM or 6 w/i 250NM
YELLOW - 0 w/i 100NM or 4-5 w/i 250NM
RED - 3 or less w/i 250NM |
| d) EC range within 250NM | GREEN - Yes; RED - No |
| e) Ground Forces w/impact areas capable of tactical aircraft employment | GREEN \leq 100NM
YELLOW $>$ 100NM \leq 150NM
RED $>$ 150NM |

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- | | |
|--------------------------------------|--|
| f) ACMI | GREEN $\leq 150\text{NM}$
YELLOW $> 150\text{NM} \leq 200\text{NM}$
RED $> 200\text{NM}$ |
| g) Full scale live drop availability | GREEN $\leq 200\text{NM}$
YELLOW $> 200\text{NM} \leq 250\text{NM}$
RED $> 250\text{NM}$ |
| h) Number of VR/IR routes? | GREEN - ≥ 10 w/i 100NM
YELLOW - < 10 w/i 100NM and > 10 w/i 150NM
RED - ≤ 10 w/i 200NM |

2.8.F.2 Bomber Mission

- | | |
|---|--|
| a) Low Altitude MOAs for attack and LOWAT training? | GREEN $\leq 400\text{NM}$
YELLOW $> 400\text{NM} \leq 600\text{NM}$
RED $> 600\text{NM}$ |
| b) Distance to bombing range | GREEN $\leq 400\text{NM}$
YELLOW $> 400 \text{ NM} \leq 800\text{NM}$
RED $> 800\text{NM}$ |
| c) Low Altitude Scored Route: | GREEN $\leq 500\text{NM}$
YELLOW $> 500\text{NM} \leq 1000\text{NM}$
RED $> 1000\text{NM}$ |

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- d) Distance to the STRC: GREEN \leq 600 NM
 YELLOW $>$ 600NM \leq 1200 NM
 RED $>$ 1200 NM
- e) EC Range within: GREEN $<$ 400NM
 YELLOW - 400 to 800NM
 RED $>$ 800NM
- f) Live Drop availability GREEN \leq 600NM
 YELLOW $>$ 600 \leq 1200NM
 RED $>$ 1200NM
- g) Number of VR/IR routes GREEN \geq 5 w/in 400NM
 YELLOW $<$ 5w/in 400NM and \geq 3/in 600NM
 RED \leq 3 w/in 800NM

2.8.F.3 Tanker

a. WARTIME

- Tanker Mission Capability: GREEN - Total tanker offload \geq 60% of max fuel load
 YELLOW - $<$ 60% \geq 40%
 RED - $<$ 40%

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b. PEACETIME

Distance to highly concentrated
RCVR area:

GREEN \leq 400 NM
YELLOW $>$ 400NM \leq 800 NM
RED $>$ 800 NM

Tanker saturation within the region:

GREEN = tanker poor
YELLOW = balanced
RED = tanker rich

2.8.F.4 Airlift

a) Drop Zones/ LZs
(Formation/Live)

GREEN \leq 200NM
YELLOW $>$ 200NM \leq 500NM
RED $>$ 500NM

b) Army/Marine installations
w/ airdrop employment requirements

GREEN \leq 500NM
YELLOW $>$ 500NM \leq 750NM
RED $>$ 750NM

c) Full scale airdrop availability

GREEN \leq 500NM
YELLOW $>$ 500NM \leq 750NM
RED $>$ 750NM

d) Number of VR/IR routes

GREEN \geq 3 w/i 200NM
YELLOW $<$ 3 w/i 200NM and \geq 3 w/i 250NM
RED \leq 3 w/i 300NM

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e) Air refueling routes

GREEN 4 w/i 200NM
YELLOW 2 w/i 300NM
RED < 2 w/i 500NM

2.9 Laboratories, Product Center, & Test Centers Functions
(Laboratories, Product Center, & Test Centers Bases Only)

- | | | |
|----|---|--|
| A. | Installation supports major mission area(s) other than Test & Evaluation functions | GREEN - Yes
RED - No |
| B. | Installation supports multiple types of Test and Evaluation | GREEN - Yes
RED - No |
| C. | Lab/product/test center capabilities currently supports non-DOD or commercial test activities | GREEN - Yes
RED - No |
| D. | Installation is heavily dependent upon local contractor support capability for mission accomplishment | GREEN - Yes
RED - No |
| E. | Major test aircraft/equipment/lab available | GREEN - Majority are unique to installation and/or not reasonable to relocate
RED - Few are unique to installation and/or difficult to relocate |

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F. Capability to accept added workload

- 1. Physical capacity
- 2. Personnel/Manning capacity

GREEN - 0% to 20%
YELLOW - 21% to 35%
RED - 36% or more

G. Conflicts with competing requirements for the long term use of land, facilities and airspace

GREEN - Few, if any
YELLOW - Moderate
RED - Significant

H. Unique features (i.e. facilities, terrain, visibility, air quality, remoteness, or weather/atmospheric, etc) which are essential for accomplishment of the mission

GREEN - Significant factor
YELLOW - Moderate factor
RED - None

I. Percent of civilian to total base personnel

GREEN - 50% or above
YELLOW - 30% to 49%
RED - 29% or less

2.10 Industrial Functions (Depot Bases Only)

A. Number of critical skilled workers

GREEN - equal to or greater than statistical mean
YELLOW - equal to or greater than plus one standard deviation and less than the statistical mean
RED - less than a minus one standard deviation

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B. Percentage of major weapon systems that have a source of repair located with management

GREEN - equal to or greater than statistical mean
YELLOW - equal to or greater than plus one standard deviation
and less than the statistical mean
RED - less than a minus one standard deviation

C. Cost per output (Inventory Control Points)

GREEN - equal to or less than statistical mean
YELLOW - equal to or less than plus one standard deviation
and greater than the statistical mean
RED - greater than a plus one standard deviation

D. Depot workload capacity

GREEN - equal to or greater than statistical mean
YELLOW - equal to or greater than plus one standard deviation
and less than the statistical mean
RED - less than a minus one standard deviation

E. Lost time incidents per 200K hours exposure

GREEN - equal to or less than statistical mean
YELLOW - equal to or less than plus one standard deviation
and greater than the statistical mean
RED - greater than a plus one standard deviation

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F. Utility rate (Cost per MBTU)

GREEN - equal to or less than statistical mean

YELLOW - equal to or less than plus one standard deviation and greater than the statistical mean

RED - greater than a plus one standard deviation

G. Case creation cost 5 year average per person (FY88-FY92)

GREEN - equal to or less than statistical mean

YELLOW - equal to or less than plus one standard deviation and greater than the statistical mean

RED - greater than a plus one standard deviation

H. The environmental compliance cost FY92-FY95

GREEN - equal to or less than statistical mean

YELLOW - equal to or less than plus one standard deviation and greater than the statistical mean

RED - greater than a plus one standard deviation

I. Percent of workload requiring unique facilities/equipment

GREEN - equal to or greater than statistical mean

YELLOW - equal to or greater than plus one standard deviation and less than the statistical mean

RED - less than a minus one standard deviation

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J. Average DMIF salary

GREEN - equal to or less than statistical mean

YELLOW - equal to or less than plus one standard deviation and greater than the statistical mean

RED - greater than a plus one standard deviation

3A. Existing Associated Airspace Availability and Encroachment (Special Use Airspace)

MOA/Bombing Ranges

GREEN - Fully adequate MOA/bombing ranges available

YELLOW - Generally adequate MOA/bombings ranges available, but improvement required

RED - Inadequate MOA/bombing ranges available

Low Level Routes

GREEN - Fully adequate capacity for low level routes/capacity available

YELLOW - Generally adequate low level routes/capacity available; some restrictions to access or limited route quantity

RED - Inadequate low level routes/capacity available

3B. Future Associated Airspace Availability and Encroachment (Special Use Airspace)

MOA/Bombing Ranges

GREEN - Fully adequate MOA bombing ranges expected to remain available

YELLOW - Generally adequate MOA/bombing ranges expected to remain available, but improvements required

RED - Inadequate MOA/bombing ranges, not expected to be available

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Low Level Routes

GREEN - Fully adequate low level routes/capacity expected to remain available
YELLOW - Generally adequate low routes/capacity expected to remain available, some restrictions to access or limited route quantity
RED - Inadequate low level routes/capacity, not expected to be available

4. Can base runway and taxiway and apron support:

Fighter Mission
Bomber Mission
Tanker Mission
Airlift Mission

GREEN - Yes; RED - No
GREEN - Yes; RED - No
GREEN - Yes; RED - No
GREEN - Yes; RED - No

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I. CURRENT AND FUTURE MISSION REQUIREMENTS AND THE IMPACT ON OPERATIONAL READINESS OF DOD TOTAL FORCE

1. Force Structure

A. Primary Force Structure

B. Other Force Structure

LOWRY DFAS CTR
NORTON AFB

N/A
N/A

N/A
N/A

GREEN - Force structure is a key part of the force structure plan - no significant programmed reductions

YELLOW - Force structure is an integral part of the force structure plan - but has significant programmed reductions

RED - Force structure is being phased out in the force structure plan

NA - No Force Structure

GREEN - No significant programmed reductions

YELLOW - Force Structure is an integral part part of the force structure plan - but has significant programmed reductions

RED - Force Structure is being phased out in the force structure plan

NA - No other Force Structure

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**I. CURRENT AND FUTURE MISSION REQUIREMENTS AND THE IMPACT ON OPERATIONAL READINESS OF DOD
TOTAL FORCE**

**2.8 Operational Effectiveness - Generic flying operation support (Industrial/Support, Other, and
ARC Categories Only)**

A. Active runway

LOWRY DFAS CTR
NORTON AFB

R
R

GREEN - Yes RED - No

If yes, complete 2B - 2F

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

I. CURRENT AND FUTURE MISSION REQUIREMENTS AND THE IMPACT ON OPERATIONAL READINESS OF DOD TOTAL FORCE

2.8 Operational Effectiveness - Generic flying operation support (Industrial/Support, Other, and ARC Categories Only)

B. Alternate airfield within?

LOWRY DFAS CTR
NORTON AFB

GREEN - 30 Minutes or less
YELLOW - 31 to 60 Minutes
RED - More than 60 Minutes

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

I. CURRENT AND FUTURE MISSION REQUIREMENTS AND THE IMPACT ON OPERATIONAL READINESS OF DOD TOTAL FORCE

2.8 Operational Effectiveness - Generic flying operation support (Industrial/Support, Other, and ARC Categories Only)

C. Potential for Airspace/Training

LOWRY DFAS CTR
NORTON AFB

GREEN - Airspace available for future expansion; area growth supports advanced basing concept

YELLOW - Status Quo

RED - Reductions possible

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

**I. CURRENT AND FUTURE MISSION REQUIREMENTS AND THE IMPACT ON OPERATIONAL READINESS OF DOD
TOTAL FORCE**

2.8 Operational Effectiveness - Generic flying operation support (Industrial/Support, Other, and ARC Categories Only)

D. Weather impact on mission

LOWRY DFAS CTR
NORTON AFB

GREEN - Above 3000/1 \geq 90%, above 3000/5 \geq 70%

YELLOW - Above 3000/1 $<$ 90% \geq 80%, above 3000/5 $<$ 70% \geq 50%

RED - anything else

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I. CURRENT AND FUTURE MISSION REQUIREMENTS AND THE IMPACT ON OPERATIONAL READINESS OF DOD TOTAL FORCE

2.8 Operational Effectiveness - Generic flying operation support (Industrial/Support, Other, and ARC Categories Only)

E. Average monthly Air Traffic Delays

LOWRY DFAS CTR
NORTON AFB

-
-

GREEN - 2 or less
YELLOW - 3 to 4
RED - 5 or more

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I. CURRENT AND FUTURE MISSION REQUIREMENTS AND THE IMPACT ON OPERATIONAL READINESS OF DOD's TOTAL FORCE

EXISTING ASSOCIATED AIRSPACE AVAILABILITY (crit.3A)

MOA/BOMBING RANGES

LOW LEVEL ROUTES

LOWRY DFAS CTR
NORTON AFB

GREEN - Fully adequate MOA/Bombing Ranges available.

YELLOW - Generally adequate MOA/Bombing Ranges available,
but improvements required.

RED - Inadequate MOA/Bombing Ranges available.

GREEN - Fully adequate low level routes/capacity available.

YELLOW - Generally adequate low level routes/capacity available;
some restrictions to access or limited route quantity.

RED - Inadequate low level routes/capacity available to support major mission
requirements.

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I. CURRENT AND FUTURE MISSION REQUIREMENTS AND THE IMPACT ON OPERATIONAL READINESS OF DOD's TOTAL FORCE

FUTURE ASSOCIATED AIRSPACE AVAILABILITY (crit.3B)

MOA/BOMBING RANGES

LOW LEVEL ROUTES

LOWRY DFAS CTR
 NORTON AFB

GREEN - Fully adequate MOA/Bombing Ranges available.
YELLOW - Generally adequate MOA/Bombing Ranges available,
 but improvements required.
RED - Inadequate MOA/Bombing Ranges available.

GREEN - Fully adequate low level routes/capacity available.
YELLOW - Generally adequate low level routes/capacity available;
 some restrictions to access or limited route quantity.
RED - Inadequate low level routes/capacity available to support major mission
 requirements.

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**I. CURRENT AND FUTURE MISSION REQUIREMENTS AND THE IMPACT ON OPERATIONAL READINESS OF DOD's
TOTAL FORCE**

BASE RUNWAY/TAXIWAY/RAMP SUPPORT (Crit. 4)

	FIGHTER MISSION	BOMBER MISSION	TANKER MISSION	AIRLIFT MISSION
LOWRY DFAS CTR	-	-	-	-
NORTON AFB	-	-	-	-

GREEN - Yes
RED - No

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CRITERIA I

	Primary Force	Other Force	Active Runway	Alternate	Airspace/Ting	WEATHER	Abv 300/1	Abv 1500/3	Abv 3000/3	Abv 3000/5	ATC Delays	EXISTING SUA	MOA/Bomb Rng	Low Lvl Route	FUTURE SUA	MOA/Bomb Rng	Low Lvl Route	FUTURE MSN	Fighter	Bomber	Tanker	Airlift	OVERALL
LOWRY DFAS CTR	N/A	N/A	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTON AFB	N/A	N/A	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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II. AVAILABILITY AND CONDITION OF LAND, FACILITIES AND ASSOCIATED AIRSPACE AT BOTH THE EXISTING AND POTENTIAL RECEIVING LOCATIONS

1. Are there unique facilities at the installation which must be replicated if the base is closed?

GREEN - Yes, unique facilities exists

RED - No unique facilities exists

2. Facilities capacity:

Base:

GREEN \geq the mean

YELLOW \geq -1 standard deviation and $<$ the mean

RED $<$ -1 standard deviation

Housing:

GREEN \geq the mean

YELLOW \geq -1 standard deviation and $<$ the mean

RED $<$ -1 standard deviation

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3. Facilities condition:

Base:	GREEN ≥ the mean
Building	YELLOW ≥ -1 standard deviation and < the mean
Infrastructure	RED < -1 standard deviation
Housing:	GREEN ≥ the mean
	YELLOW ≥ -1 standard deviation and < the mean
	RED < -1 standard deviation

4.A Existing Associated Airspace Encroachment (Special Use Airspace)

MOAs/Restricted Airspace:	GREEN - Civil and commercial aviation development generally compatible with existing Military Operating Areas and Restricted Airspace YELLOW - Civil and commercial aviation development impacts access to some (limited) MOAs. Near term development of MOAs or Restricted Airspace may be limited RED - Civil and commercial aviation dominates the development of and access to MOAs or Restricted Airspace
----------------------------------	---

Bomb Ranges/Drop Zones:	GREEN - Regional development generally compatible with Air-to-Ground ranges (or Drop Zones -- large bases only) YELLOW - Regional development incompatible in some (limited) areas, creating restrictions on Air-to-Ground ranges (or Drop Zones -- large bases only) RED - Regional development severely incompatible in many areas, causing major modifications to Air-to-Ground ranges (or Drop Zones -- large bases only)
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Low Level:

GREEN - Regional development generally compatible with low-level route access

YELLOW - Regional development incompatible in some (limited) areas, creating restrictions on low level route structure

RED - Regional development severely incompatible in many areas, causing major modifications to low level routes

4.B Future Associated Airspace Encroachment (Special Use Airspace)

MOAs/Restricted Airspace:

GREEN - Future civil and commercial aviation development generally expected to remain compatible with existing Military Operating Areas and Restricted Airspace

YELLOW - Future civil and commercial aviation development may impact access to some (limited) MOAs. Future development of MOAs or Restricted Airspace may be limited

RED - Future civil and commercial aviation may dominate the area and access to MOAs may become severely limited. Future development of Restricted Airspace incompatible.

Bomb Ranges/Drop Zones:

GREEN - Future regional development generally expected to remain compatible with Air-to-Ground ranges (or Drop Zones -- large bases only)

YELLOW - Future regional development may become incompatible in some (limited) areas, creating restrictions on Air-to-Ground ranges (or Drop Zones -- large bases only)

RED - Future regional development may become severely incompatible in many areas, causing major modifications to Air-to-Ground ranges (or Drop Zones -- large bases only)

Low Level:

GREEN - Future regional development generally expected to be compatible with low-lvl route access

YELLOW - Future regional development may become incompatible in some (limited) areas, creating restrictions on low level route structure

RED - Future regional development may become severely incompatible in many areas, causing major modifications to low level routes

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4C. Existing local/regional community encroachment

Accident potential zones:	GREEN - Off-base development generally compatible with accident potential zones YELLOW - Off-base development incompatible in some (limited) areas construction/operations RED - Off-base development incompatible with accident potential zones
Noise zones:	GREEN - Off-base development generally compatible with Air Installation Compatible Use Zone noise recommendations YELLOW - Off-base development incompatible in some (limited) areas RED - Off-base development incompatible in many areas, or many people exposed to high noise levels
Environs airspace : (local flying area)	GREEN - Airspace encroachment is low and little or no operational adjustments made YELLOW - Airspace encroachment is moderate and may require limited operational adjustments RED - Airspace encroachment is high and requires substantial operational adjustment

4D. Future local/regional community encroachment

Accident potential zones:	GREEN - Future off-base development generally expected to remain compatible with accident potential zones YELLOW - Future off-base development may become incompatible in some (limited) areas RED - Future off-base development may become incompatible with accident potential zones
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Noise zones:

GREEN - Future off-base development generally expected to be compatible with Air Installation
Compatible Use Zone noise recommendations

YELLOW - Future off-base development may become incompatible in some (limited) areas

RED - Future off-base development may become incompatible in many areas, or many people
exposed to high noise levels

**Environs airspace:
(local flying area)**

GREEN - Potential for encroachment is low and little or no operational adjustment anticipated

YELLOW - Potential for encroachment is moderate and may require limited operational adjustment

RED - Potential for encroachment is high and may require substantial operational adjustments

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II. AVAILABILITY AND CONDITION OF LAND, FACILITIES, AND ASSOCIATED AIRSPACE AT BOTH THE EXISTING AND RECEIVING LOCATIONS

2. Capacity

3. Condition

	FACILITIES			FAMILY HOUSING	
	CAPACITY	BUILDING CONDITION	INFRASTRUCTURE CONDITION	CAPACITY	CONDITION
LOWRY	G	G	G	-	-
NORTON (BMO)	Y	Y	G	-	-

GREEN \geq to the mean

YELLOW \geq to -1 standard deviation and $<$ the mean

RED $<$ -1 standard deviation

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III. ABILITY TO ACCOMMODATE CONTINGENCY, MOBILIZATION, AND FUTURE FORCE REQUIREMENTS AT BOTH THE EXISTING AND POTENTIAL RECEIVING LOCATION.

1. CONTINGENCY AND MOBILIZATION

- | | |
|--|---|
| A. What is the C-141 equivalent working MOG? | GREEN - 5 or more
YELLOW - 3 to 4
RED - less than 3 |
| B. Can airfield handle wide-body ops? | GREEN - Yes; RED - No |
| C. Does the base have a operational fuel hydrant system? | GREEN - Yes
YELLOW - Yes, with limitations
RED - No |
| D. Is base fuel storage facility serviced by pipeline? | GREEN - Yes
RED - No |
| E. What is the excess CAT 1.1 munitions storage capacity of the base? | GREEN > 500,000 lbs NEW
YELLOW - 1 to 500,000 lbs NEW
RED - No excess/deficit/no storage facilities |
| F. Does base have a dedicated hot cargo pad? | GREEN - Yes; RED - No |

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G. Geographic location:

(1) Is the base located within 150 NM of:

(a) A Ground Force Installation
(Army/Marine forces)

GREEN - Yes
RED - No

(b) A Rail Access

GREEN - Yes
RED - No

(c) A Port Facility

GREEN - Yes
RED - No

**H. What is the excess usable parking apron
(in square yards) for mobility contingencies?**

GREEN > 25,000 sy
YELLOW - 1,000 to 25,000 sy
RED < 1,000 sy

**I. Utility infrastructure capacity
(Includes: Medical, comm, utility, water,
and sewage)**

GREEN - Can support > 10% increase in usage without MILCON
YELLOW - Can support up to 10% increase in usage without MILCON
RED - Cannot support increase without costs

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2. FUTURE FORCE REQUIREMENTS

Is the base located and have basic necessary characteristics to support another mission:
(Assumes current mission is no longer present)

Fighter	GREEN - Meets most requirements of MACRO Look
Bomber	
Tanker	YELLOW - Meets some requirements of MACRO Look
Airlift	
Pilot Training	RED - Meets few requirements of MACRO Look

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TAB 15, Atch C

UNCLASSIFIED
OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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OTHER CATEGORY -- CANTONMENTS SUBCATEGORY

III. THE ABILITY TO ACCOMMODATE CONTINGENCY, MOBILIZATION, AND FUTURE TOTAL FORCE REQUIREMENTS AT BOTH THE EXISTING AND POTENTIAL RECEIVING LOCATION

CONTINGENCY AND MOBILIZATION (crlt.1)

	C-141 MOG	WIDE-BODY OPERATION	FUEL HYDRANT	FUEL PIPELINE	MUNITIONS STORAGE	HOT CARGO	OVERALL
LOWRY DFAS CTR	-	-	-	-	-	-	-
NORTON AFB	-	-	-	-	-	-	-
<u>MOG</u>	<u>WIDE-BODY/HYDRANT/PIPELINE/PAD</u>			<u>MUNITIONS</u>			
GREEN - 5 or more	GREEN - Yes			GREEN - >500,000 NEW			
YELLOW - 3 to 4	YELLOW - N/A			YELLOW - 1 to 500,000 NEW			
RED < 3	RED - NO			RED - No excess/deficit/no storage facility			

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TAB 15, Atch C

UNCLASSIFIED
OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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OTHER CATEGORY -- CANTONMENTS SUBCATEGORY

III. THE ABILITY TO ACCOMMODATE CONTINGENCY, MOBILIZATION, AND FUTURE TOTAL FORCE REQUIREMENTS AT BOTH THE EXISTING AND POTENTIAL RECEIVING LOCATION

GEOGRAPHIC LOCATION (Base located within 150nm of) (crit.1G)

	ARMY/MARINE INSTALLATION (crit. 1G.a)	RAIL (crit. 1G.b)	PORT (crit. 1G.c)	OVERALL
LOWRY DFAS CTR	G	G	R	-
NORTON AFB	G	G	G	-

**GREEN - YES
RED - NO**

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TAB 15, Atch C

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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OTHER CATEGORY -- CANTONMENTS SUBCATEGORY

III. THE ABILITY TO ACCOMMODATE CONTINGENCY, MOBILIZATION, AND FUTURE TOTAL FORCE REQUIREMENTS AT BOTH THE EXISTING AND POTENTIAL RECEIVING LOCATION

	EXCESS APRON CAPACITY (crlt. II)	UTILITY INFRASTRUCTURE CAPACITY (crlt. II)
LOWRY DEAS CTR	-	R
NORTON AFB	-	R
GREEN > 25,000 sy	GREEN - Support > 10% increase in use w/o MILCON	
YELLOW - 1,000 to 25,000 sy	YELLOW - Support up to 10% increase in use w/o MILCON	
RED < 1,000 sy	RED - Cannot support increase w/o costs	

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TAB 15, Atch C

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

OTHER CATEGORY -- CANTONMENTS SUBCATEGORY

III. THE ABILITY TO ACCOMMODATE CONTINGENCY, MOBILIZATION, AND FUTURE TOTAL FORCE REQUIREMENTS AT BOTH THE EXISTING AND POTENTIAL RECEIVING LOCATION

FUTURE FORCE REQUIREMENTS

SUPPORT ANOTHER CATEGORY (crit.2)

	FIGHTER	BOMBER	TANKER	AIRLIFT	MOBILITY	FLY TRNG	OVERALL
LOWRY DFAS CTR	-	-	-	-	-	-	-
NORTON AFB	-	-	-	-	-	-	-

GREEN - Meets most requirements of MACRO Look

YELLOW - Meets some requirements of MACRO Look

RED - Meets few requirements of MACRO Look

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TAB 15, Atch C

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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OTHER CATEGORY -- CANTONMENTS SUBCATEGORY

CRITERIA	III	Cont & Mob	Geo Location	Excess Apron	Util Infra Cap	Other Mission	OVERALL
LOWRY DFAS CTR		-	-	-	R	-	-
NORTON AFB		-	-	-	R	-	-

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TAB 15, Atch C

UNCLASSIFIED
OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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OTHER CATEGORY -- CANTONMENTS SUBCATEGORY

IV. THE COST AND MANPOWER IMPLICATIONS

- 1. One Time Closure Costs:** Programming impact; includes environmental compliance costs and excludes one-time environmental restoration costs
- 2. 20 Year Net Present Value:** Shows savings (positive number) or costs (negative number) derived by discounting costs and savings over a 20 year period
- 3. Net Steady State Savings:** The annual recurring savings which result from avoiding the operating and personnel costs of the closed base as offset by the annual recurring costs such as CHAMPUS and housing as a result of closing the base
- 4. Manpower Reductions:** Support manpower spaces eliminated as a result of closing the base

V. THE EXTENT AND TIMING OF POTENTIAL COSTS AND SAVINGS, INCLUDING THE NUMBER OF YEARS, BEGINNING WITH THE DATE OF COMPLETION OF THE CLOSURE OR REALIGNMENT, FOR THE SAVINGS TO EXCEED THE COSTS.

- 1. Investment Payback:** Years elapsed from closure year to payback. Payback computed from Net Present Value analysis using OMB Circular A-94

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TAB 15, Atch D

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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**IV COST AND MANPOWER
IMPLICATIONS**

**V RETURN ON
INVESTMENT**

	ONE TIME CLOSURE COSTS (CY 94 \$M)	20 YEAR NPV	STEADY STATE NET SAVINGS	MANPOWER REDUCTIONS	YEARS TO PAYBACK
LOWRY	13	14	3	0	5
NORTON	16	(4)	1	0	41

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TAB 15, Atch D

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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OTHER CATEGORY -- CANTONMENTS SUBCATEGORY

VI. THE ECONOMIC IMPACT ON COMMUNITIES.

- 1. Employment:**
GREEN - Reductions exceed the historic high reduction
YELLOW - Reductions are between 50% of the historic high reduction and the historic high reduction
RED - Reductions are less than 50% of historic high reduction, or negligible
- 2. Population:**
GREEN - Reductions exceed the historic high reductions

YELLOW - Reductions are between 50% of the historic high reduction and the historic high reduction
RED - Reductions are less than 50% of the historic high reduction, or negligible
- 3. Income:**
GREEN - Reductions exceed the historic high reduction
YELLOW - Reductions are between 50% of the historic high reduction and the historic high reduction
RED - Reductions are less than 50% of the historic high reduction, or negligible
- 4. Local Government Operating Revenues Expenditures:**
GREEN - The net fiscal impact on local government is negative and comparatively large. (Expenditures savings are less than 75% of revenue losses)
YELLOW - The net fiscal impact on local government is negative, but comparatively small. (Expenditures savings are 75% or more of revenue losses)
RED - The net fiscal impact on local government is neutral or positive. (Expenditures savings exceed revenue losses)
- 5. Installation Restoration Programs (IRP)**
GREEN - Actual clean-up time is estimated to be lengthy (> 5 yrs)
YELLOW - Actual clean-up time is estimated to be moderate (about 5 yrs)
RED - Actual clean-up time is estimated to be relatively short (< 5 yrs)

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TAB 15, Atch E

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY
OTHER CATEGORY -- CANTONMENTS SUBCATEGORY

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VI. THE ECONOMIC IMPACT ON COMMUNITIES

EMPLOYMENT (crit. 1)

LOWRY
NORTON

R
R

GREEN - Reductions exceed historic high reduction (1969 - 1989).
YELLOW - Reductions are between 50% of historic high reduction and the historic high reduction.
RED - Reductions are less than 50% of historic high reduction (1969 - 1989) or negligible.

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TAB 15, Atch E

UNCLASSIFIED
OTHER CATEGORY - CANTONMENTS SUBCATEGORY
OTHER CATEGORY -- CANTONMENTS SUBCATEGORY

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VI. THE ECONOMIC IMPACT ON COMMUNITIES

POPULATION (crit. 2)

LOWRY
NORTON

R
R

GREEN - Reductions exceed historic high reduction (1969 - 1989).

YELLOW - Reductions are between 50% of historic high reduction and the historic high reduction.

RED - Reductions are less than 50% of historic high reduction (1969 - 1989) or negligible.

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TAB 15, Atch E

UNCLASSIFIED
OTHER CATEGORY - CANTONMENTS SUBCATEGORY
OTHER CATEGORY -- CANTONMENTS SUBCATEGORY

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VI. THE ECONOMIC IMPACT ON COMMUNITIES

INCOME (crit. 3)

LOWRY
NORTON

R
R

GREEN - Reductions exceed historic high reduction (1969 - 1989).

YELLOW - Reductions are between 50% of historic high reduction and the historic high reduction.

RED - Reductions are less than 50% of historic high reduction (1969 - 1989) or negligible.

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TAB 15, Atch E

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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OTHER CATEGORY -- CANTONMENTS SUBCATEGORY

VI. THE ECONOMIC IMPACT ON COMMUNITIES

LOCAL GOVERNMENT OPERATING REVENUES/EXPENDITURES (crit. 4)

LOWRY
NORTON

G
R

GREEN - The net fiscal impact on local government is negative and comparatively large. (Expenditures savings are less than 75% of revenue loss.)

YELLOW - The net fiscal impact on local government is negative, but comparatively small. (Expenditures savings are 75% or more of revenue losses.)

RED - The net fiscal impact on local government is neutral or positive. (Expenditures savings exceed revenue losses.)

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TAB 15, Atch E

UNCLASSIFIED
OTHER CATEGORY - CANTONMENTS SUBCATEGORY
OTHER CATEGORY -- CANTONMENTS SUBCATEGORY

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VI. THE ECONOMIC IMPACT ON COMMUNITIES

INSTALLATION RESTORATION PROGRAMS (IRP) (crit. 5)

LOWRY
NORTON

G
G

GREEN - Actual clean-up time is estimated to be lengthy (greater than 5 years).
YELLOW - Actual clean-up time is estimated to be moderate (about 5 years).
RED - Actual clean-up time is estimated to be relatively short (within 5 years).

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TAB 15, Atch E

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY
OTHER CATEGORY -- CANTONMENTS SUBCATEGORY

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VI. THE ECONOMIC IMPACT ON COMMUNITIES

	EMPLOYMENT	POPULATION	INCOME	LOCAL GOVERNMENT OPERATING REVENUES /EXPENDITURES	IRP	OVERALL
LOWRY	R	R	R	G	G	R+
NORTON	R	R	R	R	G	R

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TAB 15, Atch E

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

VII. THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES' INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS, AND PERSONNEL.

1. Community Infrastructure

A. Off-base housing

Affordable:	GREEN - Yes; RED - No
Acceptable:	GREEN - Yes; RED - No
Avail (Family & Bachelor):	GREEN - Yes; RED - No

B. Transportation

Base served by public transportation:	GREEN - Yes; RED - No
Access to municipal airports:	GREEN - < 25 miles from base YELLOW - 25 - 50 miles from base RED - > 50 miles from base
Available air carrier service:	GREEN - 3 or more carriers YELLOW - 2 carriers RED - 1 carrier or commuter service
<u>Round trip</u> commuting time to work:	GREEN - ≤ 40 minutes YELLOW - 41 to 60 minutes RED - > 60 minutes

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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C. Off-base recreation facilities

Swimming pool:	GREEN < 30 minute drive
Movie theater:	
Public golf course:	YELLOW - 30 to 45 minute drive
Bowling lane:	
Boating:	RED > 45 minute drive or not available
Fishing:	

Zoo:	GREEN < 1.5 hour drive
Aquarium:	
Family theme park:	YELLOW - 1.5 to 2.5 hour drive
Professional sports:	
Collegiate sports:	RED > 2.5 hour drive or not available
Camping facilities:	
Beaches:	
Winter sports:	

D. Shopping facilities - mall or similar shopping environment	GREEN - 20 minutes or less
	YELLOW - 21 - 40 minutes
	RED - more than 40 minutes

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

E. Distance to Metropolitan center
 (Population of 100,000 or more)

GREEN - < 1.0 hour
 YELLOW - 1.0 - 2.0 hours
 RED - > 2.0 hours

F. Local area crime rate

Violent Crime Rate:
 (Per 100,000)

GREEN - 600 or below
 YELLOW - 601 - 899
 RED - 900 or above

Property Crime Rate:
 (Per 100,000)

GREEN - 4000 or below
 YELLOW - 4001 to 6000
 RED - 6001 or above

2. Education

A. Pupil to Teacher Ratio
 (Max allowed ratio)
 (grades K - 12)

GREEN - ≤ 25 to 1
 YELLOW - 26 - 30 to 1
 RED - > 30 to 1

B. Do High Schools offer four year
English & Math programs and
a foreign language program

GREEN - All 3 avail
 YELLOW - 2 avail
 RED - 1 or less avail

C. Does High Schools offer Honors program

GREEN - Yes; RED - No

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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D. Do Junior High Schools offer programs
for both Special Education and
Gifted & Talented students

GREEN - Both avail
YELLOW - 1 avail
RED - None avail

E. Do Elementary Schools offer programs
for both Special Education and
Gifted & Talented students

GREEN - Both avail
YELLOW - 1 avail
RED - None avail

F. Students that go on to college
(Uses numbers for local catchment
or within 25 miles of base)

GREEN - $\geq 60\%$
YELLOW - 40% to 59%
RED - $< 40\%$

G. Opportunity for off-base education (within 25 miles)

- (1) Vocational/technical training:
- (2) Undergraduate College:
- (3) Graduate College:

GREEN - Yes; RED - No
GREEN - Yes; RED - No
GREEN - Yes; RED - No

3. Spousal employment (uses Apr 91 - Sep 91 data)

A. What percent of spouses are able to find work
within 3 months of starting job search?

GREEN $> 75\%$
YELLOW - 50% to 75%
RED $< 50\%$

B. What percent of spouses are able to find work
commensurate with job skills, work
experience and education?

GREEN $> 75\%$
YELLOW - 50% to 75%
RED $< 50\%$

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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4. Local Medical Care

A. How does the number of physicians
in the community compare to
the national norm of 2.1
physicians/1000 population

GREEN - Greater than or equal
RED - Less than

B. How does the number of
hospital beds in the community
compare to the a national norm
of 4.0 beds/1000 population

GREEN - Greater than or equal
RED - Less than

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

VII. THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES' INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS AND PERSONNEL

COMMUNITY INFRASTRUCTURE
OFF-BASE HOUSING (crit.1A)

	AFFORDABLE	ACCEPTABLE	AVAILABLE (Family & Bachelor)	OVERALL
NORTON AFB	R	G	G	Y+
LOWRY AFB	G	G	G	G

GREEN - YES
RED - NO

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VII. THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES' INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS AND PERSONNEL

**COMMUNITY INFRASTRUCTURE
TRANSPORTATION (crit.1B)**

	PUBLIC TRANS	MUNICIPAL AIRPORTS	AIR CARRIER SERVICE	COMMUTE TIME (round trip)	OVERALL																		
NORTON AFB	G	Y	G	Y	Y+																		
LOWRY AFB	G	G	G	Y	G-																		
<table style="width: 100%; border: none;"> <tr> <td style="width: 16.6%;">GREEN - YES</td> <td style="width: 16.6%;">GREEN < 25 miles from base</td> <td style="width: 16.6%;">GREEN ≥ 3 carriers</td> <td style="width: 16.6%;">GREEN ≤ 40 min</td> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> </tr> <tr> <td>YELLOW - N/A</td> <td>YELLOW - 25 - 50 mi from base</td> <td>YELLOW - 2 carriers</td> <td>YELLOW 41 to 60 min</td> <td></td> <td></td> </tr> <tr> <td>RED - NO</td> <td>RED > 50 miles</td> <td>RED - 1 carrier or commuter service</td> <td>RED > 60 min</td> <td></td> <td></td> </tr> </table>						GREEN - YES	GREEN < 25 miles from base	GREEN ≥ 3 carriers	GREEN ≤ 40 min			YELLOW - N/A	YELLOW - 25 - 50 mi from base	YELLOW - 2 carriers	YELLOW 41 to 60 min			RED - NO	RED > 50 miles	RED - 1 carrier or commuter service	RED > 60 min		
GREEN - YES	GREEN < 25 miles from base	GREEN ≥ 3 carriers	GREEN ≤ 40 min																				
YELLOW - N/A	YELLOW - 25 - 50 mi from base	YELLOW - 2 carriers	YELLOW 41 to 60 min																				
RED - NO	RED > 50 miles	RED - 1 carrier or commuter service	RED > 60 min																				

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VII. THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES' INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS AND PERSONNEL

**COMMUNITY INFRASTRUCTURE
OFF-BASE RECREATION FACILITIES (crit.1C)**

	Swimming Pool	Movie Theater	Public Golf Course	Bowling Lane	Boating	Fishing
NORTON AFB	R	G	G	G	R	G
LOWRY AFB	G	G	G	G	G	G

GREEN < 30 minute drive

YELLOW - 30 to 45 minute drive

RED > 45 minute drive or not available

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VII. THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES' INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS AND PERSONNEL

**COMMUNITY INFRASTRUCTURE
OFF-BASE RECREATION FACILITIES (crit.1C)**

	Zoo	Aquarium	Family Park	Pro Sports	Collegiate Sports	Camping Facilities	Beaches	Winter Sports	OVERALL
NORTON AFB	Y	Y	G	G	G	G	Y	Y	Y+
LOWRY AFB	G	G	G	G	G	G	G	G	G

GREEN < 1.5 hour drive

YELLOW - 1.5 to 2.5 hour drive

RED > 2.5 hour drive or not available

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

VII. THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES' INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS AND PERSONNEL

	SHOPPING FACILITIES (mall or similar)(crit.1D)	DISTANCE to METROPOLITAN Center (pop ≥ 100,000)(crit.1E)
NORTON AFB	G	G
LOWRY AFB	G	G
	GREEN ≤ 20 minutes YELLOW - 21 to 40 minutes RED > 40 minutes	GREEN < 1.0 hour YELLOW - 1.0 to 2.0 hours RED > 2.0 hours

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

VII. THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES'
INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS AND PERSONNEL

LOCAL AREA CRIME RATE (crit.1F)

	VIOLENT CRIME RATE	PROPERTY CRIME RATE	OVERALL
NORTON AFB	R	R	R
LOWRY AFB	R	Y	R+

GREEN - 600 or below
YELLOW - 601 to 899
RED ≥ 900

GREEN - 4000 or below
YELLOW - 4001 to 6000
RED > 6000

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

VII. THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES'
INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS AND PERSONNEL

EDUCATION (crit.2)

	Pupil to Teacher (crit.2A)	High School Programs (english/math/f.language)(crit.2B)	High School Honors Program (crit.2C)
NORTON AFB	R	G	G
LOWRY AFB	G	G	G

GREEN ≤ 25 to 1
YELLOW 26-30 to 1
RED > 30 to 1

GREEN - All 3 available
YELLOW - 2 available
RED ≤ 1

GREEN - Yes
RED - No

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TAB 15, Atch F

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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**VII. THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES'
 INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS AND PERSONNEL**

EDUCATION (crit.2)

	Jr High School Programs (spec prog crit.2D)	Elementary School Programs (spec prog crit.2E)	Students That go on to College (crit.2F)
NORTON AFB	G	G	G
LOWRY AFB	G	G	G
	GREEN - Both available YELLOW - 1 available RED - None available	GREEN - Both available YELLOW - 1 available RED - None available	GREEN ≥ 60% YELLOW - 40% to 59% RED < 40%

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VII. THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES' INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS AND PERSONNEL

EDUCATION (crit.2)
OPPORTUNITY FOR OFF-BASE EDUCATION (within 25 miles) (crit.2G)

	Vocational Tech Tng (crit.2G.1)	Undergraduate College (crit.2G.2)	Graduate College (crit.2G.3)	OVERALL
NORTON AFB	G	G	G	G
LOWRY AFB	G	G	G	G

GREEN - Yes
RED - No

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

VII. THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES' INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS AND PERSONNEL

SPOUSAL EMPLOYMENT (CRIT.3)

**% of spouses able to find
work w/i 3 months**

**% of spouses able to find work
commensurate with skills, experience & ed**

**NORTON AFB
LOWRY AFB**

**Y
Y**

**G
G**

**GREEN > 75%
YELLOW - 50% to 75%
RED < 50%**

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

VII. THE ABILITY OF BOTH THE EXISTING AND POTENTIAL RECEIVING COMMUNITIES' INFRASTRUCTURE TO SUPPORT FORCES, MISSIONS AND PERSONNEL

LOCAL MEDICAL CARE (crit.4)

**AVAIL COMMUNITY
PHYSICIANS (crit.4A)**

**AVAIL COMMUNITY
HOSPITAL BEDS (crit.4B)**

NORTON AFB
LOWRY AFB

G
G

G
R

GREEN - Greater than or equal norm 2.1/1000) **GREEN** - Greater than or equal norm 4.0/1000)
RED -Less than norm **RED** - Less than norm

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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CRITERIA	VII	Off Base Housing	Transportation	Off-base Rec	S h o p p i n g	Metro Area	Crime Rate	Off-base Educ	Spouse 3 mon	Spouse Com	Doctor Ratio	Hosp Bed Ratio	OVERALL
NORTON AFB		Y+	Y+	Y+	G	G	R	G	Y	G	G	G	Y+
LOWRY AFB		G	G-	G	G	G	R+	G	Y	G	G	R	G-

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

VIII. THE ENVIRONMENTAL IMPACT.

(Assessment of existing conditions for decision making)

1. **Air Quality**
GREEN - Base is in attainment area for all pollutants
YELLOW - Base is in a non-attainment area. Classification of pollutants is moderate or marginal
RED - Base is in a non-attainment area. Classification of pollutants is \geq serious
2. **Water**
GREEN - Adequate regional water supplies and no known contaminants present
YELLOW - Suspect regional water supplies; contaminants present within a non-potable water zone
RED - Inadequate regional water supplies and/or region within a state of over draft and/or contaminants detected within potable water sources
3. **Hazardous Material - Solid/Hazardous Waste**
 - A. Asbestos
GREEN - $\leq 10\%$ facilities with asbestos containing materials (ACM)
YELLOW - 10% to 25% facilities with ACM; survey incomplete, or unable to assess percentages
RED - $> 25\%$ facilities with ACM
 - B. Radon
GREEN - Radon not present or detected < 4 pic/l
YELLOW - Radon present; detection ≥ 4 pic/l & ≤ 20 pic/l
RED - Radon present; detection > 20 pic/l

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

- C. Solid Waste**
GREEN - Existing regional disposal facilities have > 10 years capacity remaining
YELLOW - Existing regional disposal facilities have 5 to 10 years capacity remaining
RED - Existing regional disposal facilities have < 5 years capacity remaining
- 4. Biological**
- A. Habitat**
GREEN - Resources not present
YELLOW - Resources present which do not currently constrain construction/operations
RED - Resources present which constrain current construction/operations or require "work arounds" to support current operation
- B. Threatened and Endangered Species (T&E)**
GREEN - Resources not present
YELLOW - Resources present which do not currently constrain construction/operations
RED - Resources present which constrain current construction/operations or require "work arounds" to support current operation
- C. Wetlands**
GREEN - Resources not present
YELLOW - Resources present which do not currently constrain construction/operations
RED - Resources present which constrain current construction/operations or require "work arounds" to support current operation

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

5. Cultural

GREEN - No existing cultural resources

YELLOW - Cultural resources are present, but do not currently constrain construction/operations, or base survey incomplete

RED - Cultural resources are present and constrain current construction/operations

6. Geology and Soils

**A. Prime and unique
farmlands**

GREEN - No prime and unique farmlands exist

YELLOW - Prime and unique farmlands exist; resources compatible with current construction/operations

RED - Prime and unique farmlands exist; large areas; resources incompatible with current construction/operations

**B. Mineral/Energy
Resources**

GREEN - No known resources

YELLOW - Resources currently exist; no known constraint on current construction/operations

RED - Resources currently exist and constrain on current construction/operations

C. Soil Contamination

GREEN - No soil contaminants present

YELLOW - Soil contaminants present which do not currently constrain construction/operations

RED - Soil contaminants present which constrain current construction/operations

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VIII. THE ENVIRONMENTAL IMPACT
(Assessment of existing conditions for decision making)

AIR QUALITY (crit. 1)

LOWRY
NORTON

R
R

GREEN - Base is in attainment for all pollutants.

YELLOW - Base is in non-attainment area. Classification of pollutants is moderate or marginal.

RED - Base is in non-attainment area. Classification of pollutants is \geq serious.

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VIII. THE ENVIRONMENTAL IMPACT

(Assessment of existing conditions for decision making)

HAZARDOUS MATERIAL -- SOLID/HAZARDOUS WASTE

ASBESTOS (crit. 3a)

LOWRY
NORTON

R
Y

GREEN - ≤ 10% facilities with asbestos containing materials (ACM).

YELLOW - 10% to < 25% facilities with ACM; survey incomplete; unable to assess percentages.

RED - ≥ 25% facilities containing ACM.

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VIII. THE ENVIRONMENTAL IMPACT

(Assessment of existing conditions for decision making)

WATER (crit. 2)

LOWRY
NORTON

G
R

GREEN - Adequate regional water supplies and no known contaminants present.

YELLOW - Suspect regional water supplies; contaminants present within a non-potable water zone.

RED - Inadequate regional water supplies and/or region within a state of over draft and/or contaminants detected within potable water source.

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VIII. THE ENVIRONMENTAL IMPACT
(Assessment of existing conditions for decision making)

HAZARDOUS MATERIAL -- SOLID/HAZARDOUS WASTE

SOLID WASTE (crit. 3c)

LOWRY
NORTON

G
G

GREEN - Existing disposal facilities have > 10 years capacity remaining.
YELLOW - Existing disposal facilities have 5 to 10 years capacity remaining.
RED - Existing disposal facilities have < 5 years capacity remaining.

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VIII. THE ENVIRONMENTAL IMPACT
(Assessment of existing conditions for decision making)

HAZARDOUS MATERIAL -- SOLID/HAZARDOUS WASTE

RADON (crit. 3b)

LOWRY
NORTON

Y
Y

GREEN - Radon not present or detected < 4 pic/l.

YELLOW - Radon present; detection > 4 pic/l and < 20 pic/l.

RED - Radon present; detection > 20 pic/l.

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VIII. THE ENVIRONMENTAL IMPACT
(Assessment of existing conditions for decision making)

CULTURAL RESOURCES (crit. 5)

LOWRY
NORTON

G
G

GREEN - No existing resources.
YELLOW - Cultural resources are present, but do not currently
constrain construction/operations.
RED - Cultural resources are present and constrain
construction/operations.

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VIII. THE ENVIRONMENTAL IMPACT
(Assessment of existing conditions for decision making)

	BIOLOGICAL		
	HABITAT (crit. 4a)	THREATENED AND ENDANGERED SPECIES (crit. 4b)	WETLANDS (crit. 4c)
LOWRY	G	G	Y
NORTON	Y	Y	G

GREEN - Resources not present.

YELLOW - Resources present which do not currently constrain construction/operations.

RED - Resources present which constrain current construction/operations or require "work arounds" to support current operations.

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VIII. THE ENVIRONMENTAL IMPACT
(Assessment of existing conditions for decision making)

GEOLOGY AND SOILS

MINERAL / ENERGY RESOURCES (crit. 6b)

LOWRY
NORTON

G
G

GREEN - No known resources.
YELLOW - Resources currently exist; no known constraint on current construction/operations.
RED - Resources currently exist and constrain current construction/operations.

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VIII. THE ENVIRONMENTAL IMPACT
(Assessment of existing conditions for decision making)

GEOLOGY AND SOILS

PRIME AND UNIQUE FARMLANDS (crit. 6a)

LOWRY
NORTON

G
G

GREEN - No prime and unique farmlands exist.

YELLOW - Prime and unique farmlands exist; resources compatible with current construction/operations.

RED - Prime and unique farmlands exist; large areas; resources incompatible with current construction/operations.

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VIII. THE ENVIRONMENTAL IMPACT
(Assessment of existing conditions for decision making)

	AQ	Wa	As	Ra	SW	CH	T&E	W	Cul	P&U	M/E	SI	OVERALL
LOWRY	R	G	R	Y	G	G	G	Y	G	G	G	G	G-
NORTON	R	R	Y	Y	G	Y	Y	G	G	G	G	Y	Y+

AQ - Air Quality

Wa - Water

As - Asbestos

Ra - Radon

SW - Solid Waste

CH - Critical Habitat

T&E - Threatened and
Endangered Species

W - Wetlands

Cul - Cultural

P&U - Prime & Unique Farmlands

M/E - Mineral/Energy

SI - Soils

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OTHER CATEGORY - CANTONMENTS SUBCATEGORY

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VIII. THE ENVIRONMENTAL IMPACT
(Assessment of existing conditions for decision making)

GEOLOGY AND SOILS

SOIL CONTAMINATION (crit. 6c)

LOWRY
NORTON

G
Y

GREEN - No soil contaminants present.

YELLOW - Soil contaminants present which do not currently constrain construction/operations.

RED - Soil contaminants present which constrain current construction/operations.

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